

Appln No.: U.S. 10/019,367
Amdt dated: September 8, 2004
Final Action of July 12, 2004

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 23 to 31 (cancelled).

32. (New) In an apparatus for dispensing a liquid mist from a container holding a gas and a liquid, the improvement wherein said container holds said liquid and said gas under pressure;
- a valve means at an upper end of said container;
 - a nozzle for dispensing said liquid mist;
 - a flexible hose extending between and connected to said valve means and said nozzle for feeding said liquid and said gas separately to said nozzle; said valve means comprising an elongate valve body, said valve body having a first valve member, and a second valve member spaced along said valve body; said first valve member controlling flow of liquid from said container to said hose, and said second valve member controlling flow of gas from said container to said hose;
 - an actuating lever for moving said valve body for control of flow of both said liquid and said gas;
 - said nozzle comprising an axial mixing chamber, a radial inlet for entry of the liquid radially into the mixing chamber and an axial inlet for entry of the gas axially into said mixing chamber for atomization of said liquid; and
 - orifices in an end of said chamber for further atomization of said gas and said liquid and for discharge as a liquid mist.

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33. (New) The apparatus of claim 32, wherein said valve means includes a transfer passage and an outlet for said gas, said transfer passage being positioned between said outlet for said gas and said second valve member for controlling the flow of said gas.
34. (New) The apparatus of claim 32, wherein said transfer passage comprises a bore in communication with the exterior of said container, and plug means for closing said bore where it is in communication with said exterior of said container.
35. (New) The apparatus of claim 32, wherein said container has separate outlets for dispensing said gas and said liquid and each outlet is connected to a separate exterior conduit to convey separate streams of said liquid and said gas to said nozzle from said container.
36. (New) The apparatus of claim 32, further including a conduit in communication with liquid in said container, and a chamber in communication with said conduit, said chamber including a conduit in communication with said liquid.
37. (New) An apparatus as claimed in claim 32, said valve means comprises a movable extended stem portion, whereby movement of said stem portions is effective to open and close said outlets to dispense said gas and said liquid as separate streams.
38. (New) An apparatus according to claim 32, wherein said elongate valve body has first and second ends, said first valve member being positioned at said first

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end of said valve body, said second valve member being positioned intermediate said second end of said valve body and said first valve member, said actuating lever being positioned at said second end.

39. (New) An apparatus according to claim 32, wherein said apparatus is a fire extinguisher.